

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical  
Information Center (STIC) no errors detected.**

Application Serial Number: 10/559,871  
Source: JFWP  
Date Processed by STIC: 12/19/05

# ***ENTERED***

**CRF Errors Edited by the STIC Systems Branch**

Serial Number: 10/559, 871

CRF Edit Date: 12/19/05  
Edited by: DA

\_\_\_ **Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line**

\_\_\_ **Corrected the SEQ ID NO. Sequence numbers edited were:**

\_\_\_\_\_

\_\_\_ **Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:**

\_\_\_\_\_

\_\_\_ **Deleted: \_\_\_ invalid beginning/end-of-file text ; \_\_\_ page numbers**

\_\_\_ **Inserted mandatory headings/numeric identifiers, specifically:**

\_\_\_\_\_

\_\_\_ **Moved responses to same line as heading/numeric identifier, specifically:**

\_\_\_\_\_

\_\_\_ **Other:**

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_



IFWP

## RAW SEQUENCE LISTING

DATE: 12/19/2005

PATENT APPLICATION: US/10/559,871

TIME: 13:48:55

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\12192005\J559871.raw

```

2 <110> APPLICANT: Fainzilber, Michael
3     Hanz, Shlomit
4     Perlson, Eran
6 <120> TITLE OF INVENTION: NEURONAL REGENERATION AND COMPOUND ADMINISTRATION METHODS
8 <130> FILE REFERENCE: 30750
C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/559,871
C--> 10 <141> CURRENT FILING DATE: 2005-12-07
10 <160> NUMBER OF SEQ ID NOS: 6
12 <170> SOFTWARE: PatentIn version 3.2
14 <210> SEQ ID NO: 1
15 <211> LENGTH: 10
16 <212> TYPE: PRT
17 <213> ORGANISM: Artificial sequence
19 <220> FEATURE:
20 <223> OTHER INFORMATION: Nuclear localization signal-containing peptide
23 <400> SEQUENCE: 1
25 Cys Thr Pro Pro Lys Lys Lys Arg Lys Val
26 1           5           10
29 <210> SEQ ID NO: 2
30 <211> LENGTH: 7
31 <212> TYPE: PRT
32 <213> ORGANISM: Artificial sequence
34 <220> FEATURE:
35 <223> OTHER INFORMATION: Nuclear localization signal peptide
37 <400> SEQUENCE: 2
39 Pro Lys Lys Lys Arg Lys Val
40 1           5
43 <210> SEQ ID NO: 3
44 <211> LENGTH: 10
45 <212> TYPE: PRT
46 <213> ORGANISM: Artificial sequence
48 <220> FEATURE:
49 <223> OTHER INFORMATION: Reverse-nuclear localization signal-containing peptide
52 <400> SEQUENCE: 3
54 Cys Thr Pro Val Lys Arg Lys Lys Lys Pro
55 1           5           10
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 7
60 <212> TYPE: PRT
61 <213> ORGANISM: Artificial sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Reverse-nuclear localization signal peptide
66 <400> SEQUENCE: 4

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## RAW SEQUENCE LISTING

DATE: 12/19/2005

PATENT APPLICATION: US/10/559,871

TIME: 13:48:55

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\12192005\J559871.raw

68 Val Lys Arg Lys Lys Lys Pro

69 1 5

71 &lt;210&gt; SEQ ID NO: 5

72 &lt;211&gt; LENGTH: 12

73 &lt;212&gt; TYPE: PRT

74 &lt;213&gt; ORGANISM: Artificial sequence

76 &lt;220&gt; FEATURE:

77 &lt;223&gt; OTHER INFORMATION: M9 motif consensus sequence

80 &lt;220&gt; FEATURE:

81 &lt;221&gt; NAME/KEY: misc\_feature

82 &lt;222&gt; LOCATION: (1)..(1)

83 &lt;223&gt; OTHER INFORMATION: Tyr, Phe or Trp

85 &lt;220&gt; FEATURE:

86 &lt;221&gt; NAME/KEY: misc\_feature

87 &lt;222&gt; LOCATION: (2)..(3)

88 &lt;223&gt; OTHER INFORMATION: Xaa can be any naturally occurring amino acid

90 &lt;220&gt; FEATURE:

91 &lt;221&gt; NAME/KEY: misc\_feature

92 &lt;222&gt; LOCATION: (4)..(4)

93 &lt;223&gt; OTHER INFORMATION: Any hydrophilic residue

95 &lt;220&gt; FEATURE:

96 &lt;221&gt; NAME/KEY: misc\_feature

97 &lt;222&gt; LOCATION: (5)..(5)

98 &lt;223&gt; OTHER INFORMATION: Xaa can be any naturally occurring amino acid

100 &lt;220&gt; FEATURE:

101 &lt;221&gt; NAME/KEY: misc\_feature

102 &lt;222&gt; LOCATION: (7)..(7)

103 &lt;223&gt; OTHER INFORMATION: Xaa can be any naturally occurring amino acid

105 &lt;220&gt; FEATURE:

106 &lt;221&gt; NAME/KEY: misc\_feature

107 &lt;222&gt; LOCATION: (8)..(8)

108 &lt;223&gt; OTHER INFORMATION: Any hydrophobic residue

110 &lt;220&gt; FEATURE:

111 &lt;221&gt; NAME/KEY: misc\_feature

112 &lt;222&gt; LOCATION: (10)..(10)

113 &lt;223&gt; OTHER INFORMATION: Pro or Lys

115 &lt;220&gt; FEATURE:

116 &lt;221&gt; NAME/KEY: misc\_feature

117 &lt;222&gt; LOCATION: (11)..(11)

118 &lt;223&gt; OTHER INFORMATION: Met, Leu or Val

120 &lt;220&gt; FEATURE:

121 &lt;221&gt; NAME/KEY: misc\_feature

122 &lt;222&gt; LOCATION: (12)..(12)

123 &lt;223&gt; OTHER INFORMATION: Lys or Arg

125 &lt;400&gt; SEQUENCE: 5

W--&gt; 127 Xaa Xaa Xaa Xaa Xaa Ser Xaa Xaa Gly Xaa Xaa Xaa

128 1 5 10

131 &lt;210&gt; SEQ ID NO: 6

132 &lt;211&gt; LENGTH: 12

## RAW SEQUENCE LISTING

DATE: 12/19/2005

PATENT APPLICATION: US/10/559,871

TIME: 13:48:55

Input Set : A:\pto.da.txt

Output Set: N:\CRF4\12192005\J559871.raw

133 &lt;212&gt; TYPE: PRT

134 &lt;213&gt; ORGANISM: Artificial sequence

136 &lt;220&gt; FEATURE:

137 <223> OTHER INFORMATION: M9 nuclear localization signal (NLS) sequence derived from  
hnRNP

138 A1

140 &lt;400&gt; SEQUENCE: 6

142 Tyr Asn Asn Gln Ser Ser Asn Phe Gly Pro Met Lys

143 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/10/559,871

DATE: 12/19/2005  
TIME: 13:48:56

Input Set : A:\pto.da.txt  
Output Set: N:\CRF4\12192005\J559871.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:5; Xaa Pos. 1,2,3,4,5,7,8,10,11,12

**VERIFICATION SUMMARY**

PATENT APPLICATION: **US/10/559,871**

DATE: 12/19/2005

TIME: 13:48:56

Input Set : **A:\pto.da.txt**

Output Set: **N:\CRF4\12192005\J559871.raw**

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

Raw Sequence Listing before editing,  
for reference only





IFWP

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/559,871

DATE: 12/16/2005

TIME: 15:01:45

Input Set : A:\30750 Sequence Listing.txt

Output Set: N:\CRF4\12162005\J559871.raw

2 <110> APPLICANT: Fainzilber, Michael  
 3       Hanz, Shlomit  
 4       Perlson, Eran  
 6 <120> TITLE OF INVENTION: NEURONAL REGENERATION AND COMPOUND ADMINISTRATION METHODS  
 8 <130> FILE REFERENCE: 30750  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/559,871  
 C--> 10 <141> CURRENT FILING DATE: 2005-12-07  
 10 <160> NUMBER OF SEQ ID NOS: 6  
 12 <170> SOFTWARE: PatentIn version 3.2

Does Not Comply  
Corrected Diskette Needed

CP9-1)

## ERRORED SEQUENCES

131 <210> SEQ ID NO: 6  
 132 <211> LENGTH: 12  
 133 <212> TYPE: PRT  
 134 <213> ORGANISM: Artificial sequence  
 136 <220> FEATURE:  
 137 <223> OTHER INFORMATION: M9 nuclear localization signal (NLS) sequence derived from  
 hnRNP  
 138       A1  
 140 <400> SEQUENCE: 6  
 142 Tyr Asn Asn Gln Ser Ser Asn Phe Gly Pro Met Lys  
 143 1                               5                               10  
 E--> 150 1

> deleted

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/559,871

DATE: 12/16/2005

TIME: 15:01:46

Input Set : A:\30750 Sequence Listing.txt

Output Set: N:\CRF4\12162005\J559871.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:127 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5 after pos.:0

L:150 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6